

MONTGOMERY COUNTY MARYLAND
SOLICITATION ADDENDUM #1
IFB #1007870
6/27/2011

Page 1 of 17

FOR THE PROCUREMENT OF: Fire Station No. 19 Roof Replacement.

ALL SOLICITATION ADDENDUMS MUST BE ACKNOWLEDGED BY THE BIDDER
PRIOR TO THE HOUR AND DATE SPECIFIED IN THE SOLICITATION (AS
AMENDED) FOR RECEIPT OF BIDS. **FAILURE TO ACKNOWLEDGE AN
ADDENDUM MAY BE CAUSE TO REJECT THE BID.**

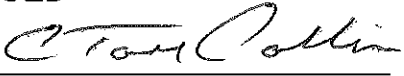
DESCRIPTION OF ADDENDUM:

Changes:

- 1) Add drawings for the project in full-size (34" x 22") format. Attached.

THE SOLICITATION PROVISION ENTITLED "SOLICITATION ADDENDUMS" IS
APPLICABLE TO THIS ADDENDUM. THE CHANGES SET FORTH BELOW ARE
HEREBY INCORPORATED INTO THE ABOVE-CITED SOLICITATION. THE HOUR
AND DATE SPECIFIED FOR RECEIPT OF **BIDS IS NOT EXTENDED.**

ISSUED

BY: 
David E. Dise, CPPO, Director
Department of General Services

NAME OF BIDDER:

(Type or print)

NAME AND TITLE OF PERSON
AUTHORIZED TO SIGN BID:

(Type or Print)

BIDDER'S SIGNATURE

(Collins)

DATE _____

IFB # 1007870
FIRE STATION NO. 19 ROOF REPLACEMENT
Addendum No. 1

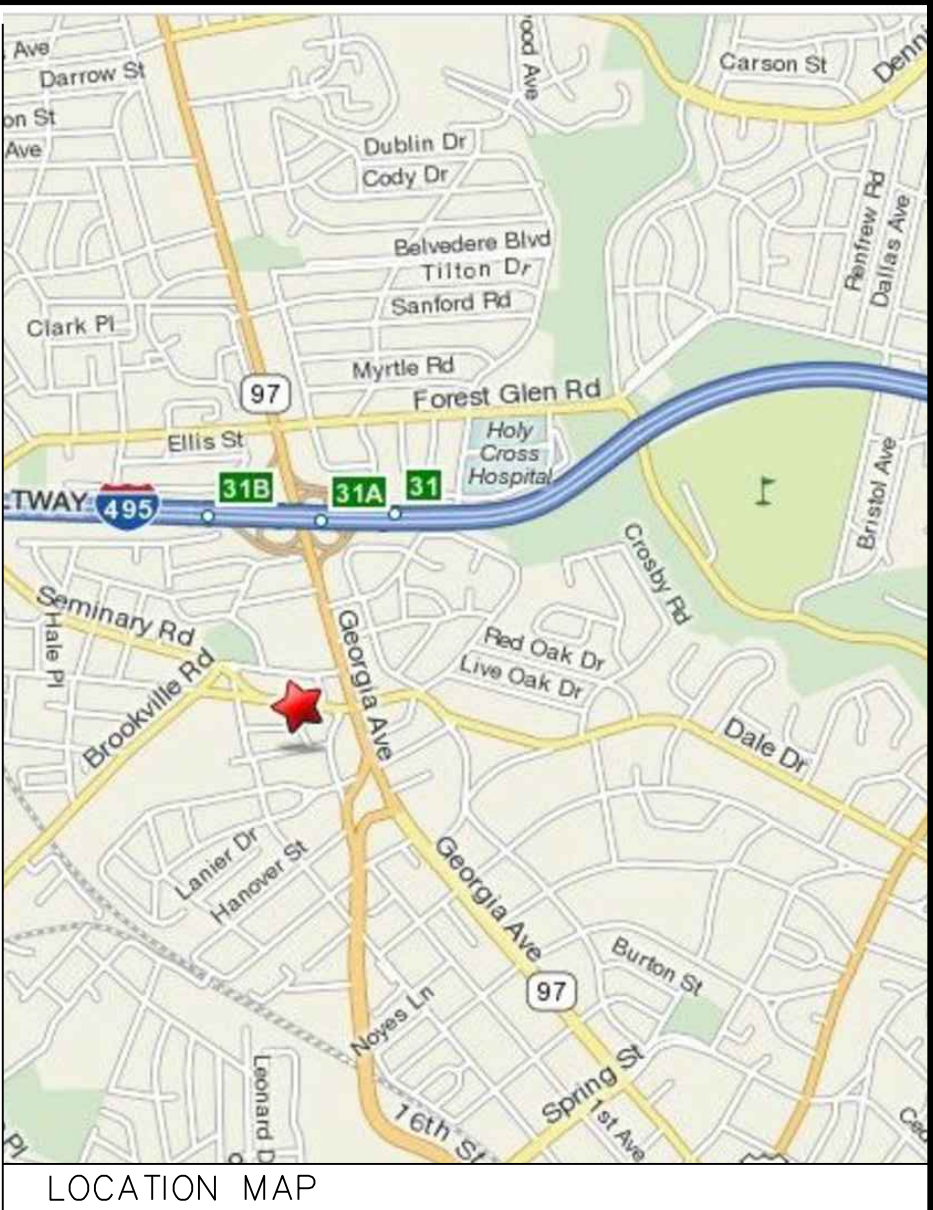
This addendum is supplemental to Invitation for Bids (IFB) No. 1007870. All changes, deletions and additions shall be part of the contract as if originally shown in IFB No. 1007870.

Item No. 1 – Attached to this Addendum are the drawings for the project in full-size (34" x 22") format.

IFB# 1001994
ROOF REPLACEMENT
FIRE STATION #19
1945 SEMINARY ROAD
SILVER SPRING, MARYLAND 20910

PREPARED FOR
MONTGOMERY COUNTY, MARYLAND

DRAWING NO	TITLE
G-001	COVER SHEET
G-002	STANDARD ABBREVIATIONS, LEGNED, SYMBOLS AND GENERAL NOTES
C-101	SITE PLAN
A-101	ROOF AREA PLAN EXISTING CONDITIONS
A-102	ROOF AREA PLAN NEW CONSTRUCTION
A-401	CONCEPTUAL TAPERED INSULATION PLAN
A-301	ROOF SECTIONS CROSS-SECTION
A-501	TYPICAL ROOF/FLASHING DETAILS
A-502	DETAILS EXISTING CONDITIONS
A-503	DETAILS EXISTING CONDITIONS
A-504	DETAILS NEW CONSTRUCTION
A-505	DETAILS NEW CONSTRUCTION
A-506	DETAILS NEW CONSTRUCTION
A-507	DETAILS NEW CONSTRUCTION
A-508	DETAILS NEW CONSTRUCTION



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1122 Kenilworth Drive, Suite 206
Towson, Md 21204-2143
P 443-279-4500 F 443-279-4560
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PROJECT	IFB#1001994 ROOF REPLACEMENT FIRE STATION #19 1945 SEMINARY ROAD SILVER SPRING, MARYLAND 20910
OWNER	MONTGOMERY COUNTY MARYLAND DIV. OF BUILDING DESIGN & CONSTRUCTION

NO.	DATE	DESCRIPTION	BY
4	2/8/11	IFB DOCUMENTS	MLF
3	8/6/10	CONSTRUCTION DOCUMENTS	MLF
2	7/8/10	CONSTRUCTION DOCUMENTS	LSJ
1	3/24/10	90% SUBMISSION	MLF

PROJECT NO.	655205
CADD FILE	655205-G-00X.DWG
DESIGNED BY	ASC
DRAWN BY	THL
CHECKED BY	ASC
DATE	12/5/07
DRAWING SCALE	N.T.S.

GRAPHIC SCALE
IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES
SHEET TITLE

COVER SHEET

DRAWING NO.
G-001
1 OF 15

E

D

C

B

77


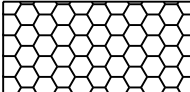

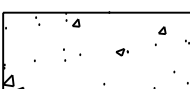

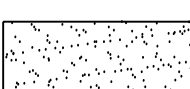

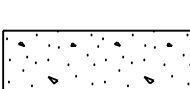

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NOTE: NOT ALL ABBREVIATIONS NECESSARILY USED

AIR CONDITIONER UNIT	AC
ALUMINUM	AL
AREA DRAIN	AD
BASE FLASHING	BF
BRICK MASONRY UNIT	BMU
BUILDING	BLDG
BUILT-UP ROOFING	BUR
CEMENTITIOUS WOOD FIBERBOARD	CWF
CLADDING	CLDG
CLEAT	CLT
CONCRETE	CONC
CONCRETE MASONRY UNIT	CMU
CONTINUOUS	CONT
COUNTERFLASHING	CF
COVER	CV
DOWNSPOUT	DS
ELEVATION	EL
EQUAL	EQ
ETHYLENE PROPYLENE DIENE MONOMER	EPDM
EXISTING	EX
EXPANSION JOINT	EJ
EXTERIOR	EXT
EXTERIOR INSULATION FINISH SYSTEM	EIFS
FASTENER	FSTNR
FIRE RETARDANT TREATED	FRT
FOOT	FT
GLAZING	GLZ
GYPSUM	GYP
INCH	IN
INTERIOR	INT
INSULATION	INSUL
LADDER	LAD
LIGHTNING	LWC
LIGHTWEIGHT CONCRETE	LTNG
LIGHTWEIGHT	LT WT
MAXIMUM	MAX
MECHANICAL	MECH
MEMBRANE	MEMB
METAL	MTL
MINIMUM	MIN
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO
PLYWOOD	PLYWD
ROOF DRAIN	RD
ROOF TOP UNIT	RTU
SELF-ADHERING MODIFIED BITUMEN	SAMB
SHEET METAL	SM
SHEET	SHT
SIMILAR	SIM
SLEEVE	SLV
STANDING SEAM (ROOF)	SS
STAINLESS STEEL	SST
STEEL	STL
STRUCTURAL	STRUCT
TYPICAL	TYP
WINDOW	WDW
WOOD	WF
WOODFIBER BOARD	WF

NOTE: NOT ALL SYMBOLS NECESSARILY USED

STANDARD HATCH PATTERNS

	BATT INSULATION
	CELLULAR FOAM INSULATION
	CEMENTITIOUS WOODFIBER BOARD
	CONCRETE
	FIBERGLASS INSULATION
	GYPSUM BOARD/DECK
	ISOCYANURATE INSULATION
	LIGHTWEIGHT CONCRETE
	WOOD FIBERBOARD INSULATION

1. THE BUILDING SHALL BE MADE 100% WEATHERTIGHT ON A DAILY BASIS. PHASED CONSTRUCTION SHALL ONLY BE AS INDICATED, OR AS PREVIOUSLY APPROVED BY THE OWNER. DEVIATIONS MUST BE APPROVED BY THE OWNER PRIOR, TO CONSTRUCTION.
2. DISCONNECT, REMOVE, RAISE, REINSTALL AND RECONNECT EXISTING ROOFTOP EQUIPMENT AND ASSOCIATED MECHANICAL/ELECTRICAL PENETRATIONS AS REQUIRED TO PERFORM WORK.
3. THE CONTRACTOR SHALL REPORT DETERIORATED OR UNSUITABLE STRUCTURAL FRAMING OR DECKING TO THE OWNER PRIOR TO THE INSTALLATION OF THE NEW ROOF ASSEMBLY.
4. THE INFORMATION SHOWN ON THE DRAWINGS HAS BEEN COMPILED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION.
5. REMOVE AND DISPOSE OF ABANDONED PENETRATIONS AND OTHER EQUIPMENT WHERE INDICATED.
6. DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO BID SUBMISSION.
7. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL ON THE ROOF PLAN HAS NOT BEEN INDICATED. INSTALLATION DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS.
8. COMPONENTS SHOWN ON THE DETAIL DRAWINGS SHALL BE NEW UNLESS SPECIFICALLY INDICATED AS EXISTING. REFER TO SPECIFICATIONS FOR MATERIALS.
9. DETAILS NOT DEPICTED SHALL BE CONSTRUCTED IN A MANNER CONSISTENT WITH THE DETAIL DRAWINGS.
10. FOR THE SAKE OF CLARITY, SECUREMENT FASTENERS ARE NOT SHOWN ON THE DETAIL DRAWINGS. REFER TO THE SPECIFICATIONS FOR FASTENER TYPES AND SPACING.
11. ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
12. THE OWNER WILL CONTROL OCCUPANCY IN THE BUILDING BASED ON THE PHASING SCHEDULE DETERMINED PRIOR TO THE START OF WORK.
13. PROVIDE INTERIOR PROTECTION AS REQUIRED TO PREVENT DAMAGE TO FLOORING, WALL SURFACES AND OTHER MATERIALS.
14. REMOVE AND STORE ALL ITEMS WITHIN THE BUILDING, AS NECESSARY FOR INTERIOR WORK. ITEMS SHALL BE STORED IN PORTABLE STORAGE UNIT PROVIDED BY THE CONTRACTOR.
15. TAKE CARE SO AS NOT TO DAMAGE EXISTING ROOF TOP EQUIPMENT NOT SCHEDULED FOR DISPOSAL. REPORT DAMAGED OR DETERIORATED CONDITIONS PRIOR TO THE START OF WORK.
16. MAINTAIN DRIVEWAYS AND GROUNDS FREE OF DEBRIS AND FASTENERS. FLAT TIRES ON FIRE EQUIPMENT CAUSED BY CONTRACTOR DEBRIS SHALL BE REPLACED AT NO EXPENSE TO THE OWNER.



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OWNER	MONTGOMERY COUNTY MARYLAND DIV. OF BUILDING DESIGN & CONSTRUCTION

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GRAPHIC SCALE

IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES

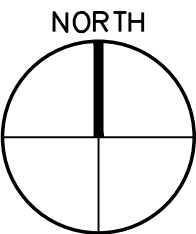
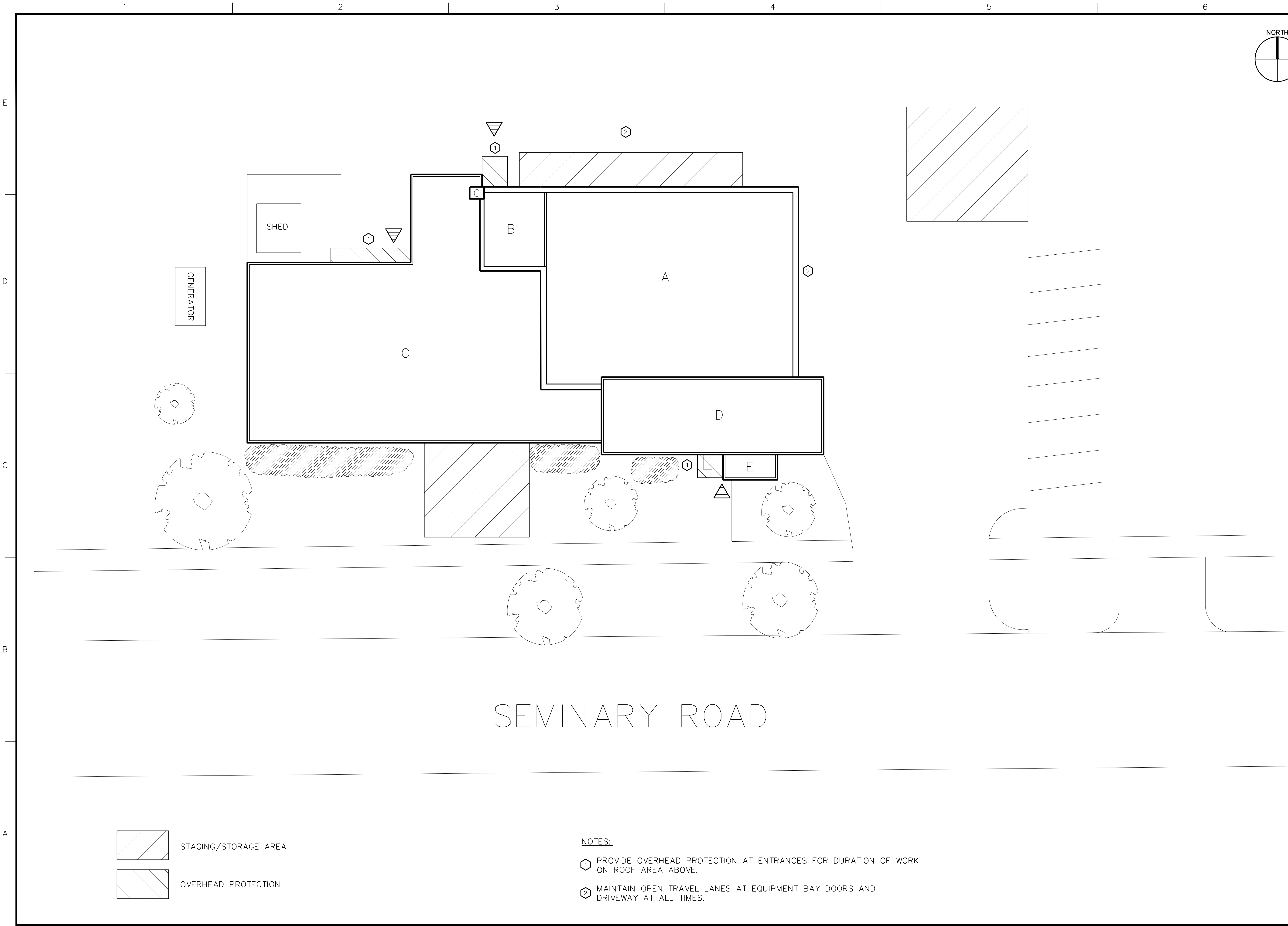
SHEET TITLE

STANDARD ABBREVIATIONS, LEGEND, SYMBOLS AND GENERAL NOTES

DRAWING NO.

G-002

OF 15



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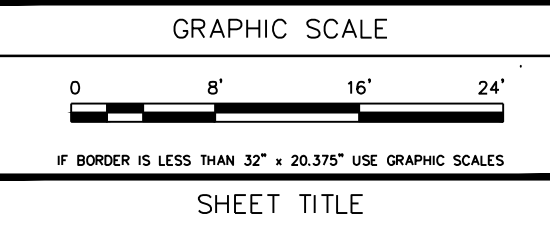
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4	2/8/11	IFB DOCUMENTS	MLF
3	8/6/10	CONSTRUCTION DOCUMENTS	MLF
2	7/8/10	CONSTRUCTION DOCUMENTS	LSJ
1	3/24/10	90% SUBMISSION	MLF

PROJECT NO.	655205
CADD FILE	655205-C-101.DWG
DESIGNED BY	ASC
DRAWN BY	THL
CHECKED BY	ASC
DATE	12/5/07
DRAWING SCALE	3/32" = 1'

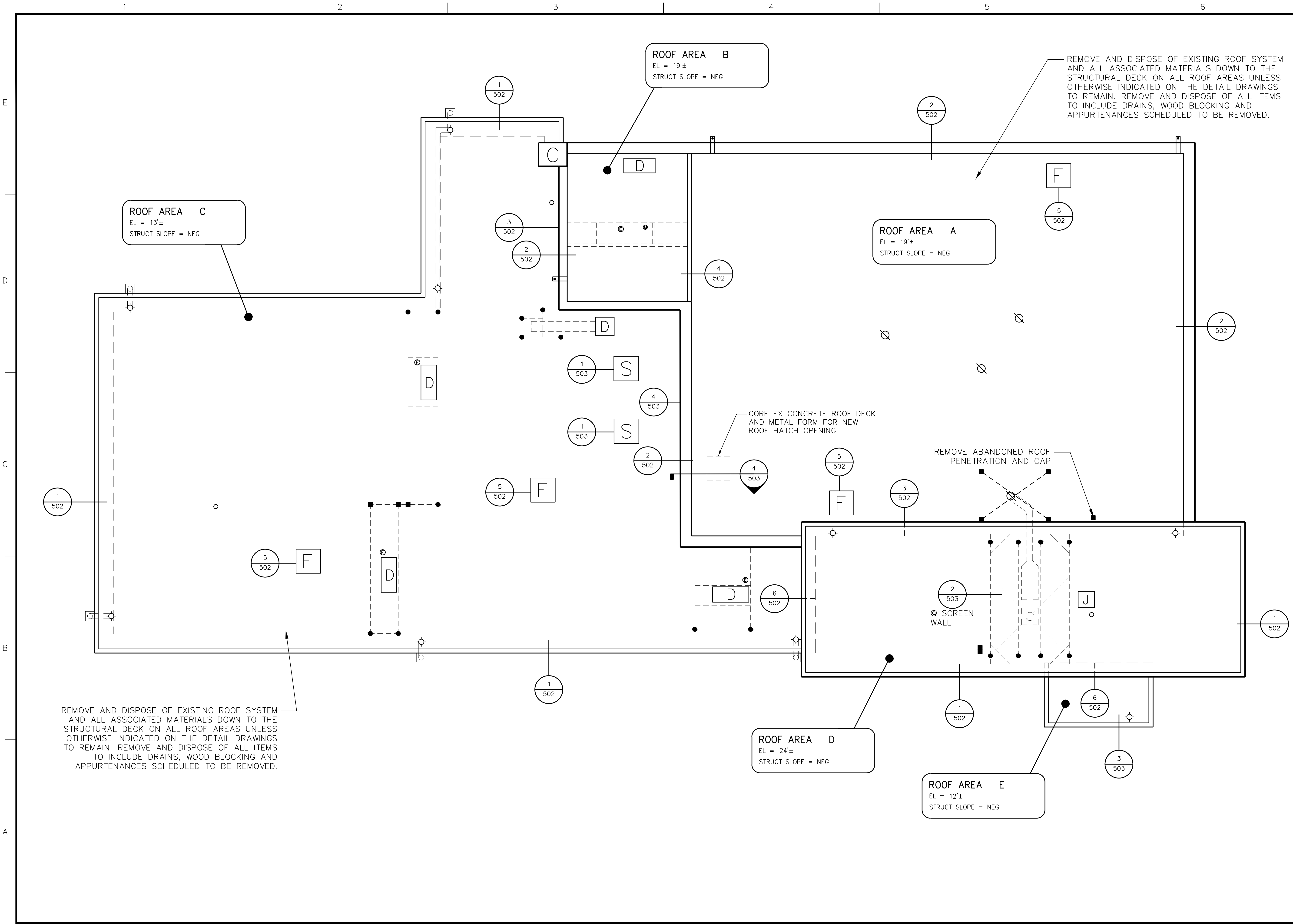


SHEET TITLE

SITE PLAN

DRAWING NO.
C-101
3 OF 15

- NOTES:
- ① PROVIDE OVERHEAD PROTECTION AT ENTRANCES FOR DURATION OF WORK ON ROOF AREA ABOVE.
 - ② MAINTAIN OPEN TRAVEL LANES AT EQUIPMENT BAY DOORS AND DRIVEWAY AT ALL TIMES.



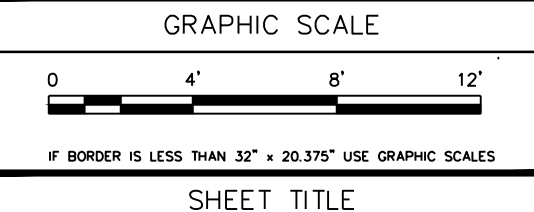
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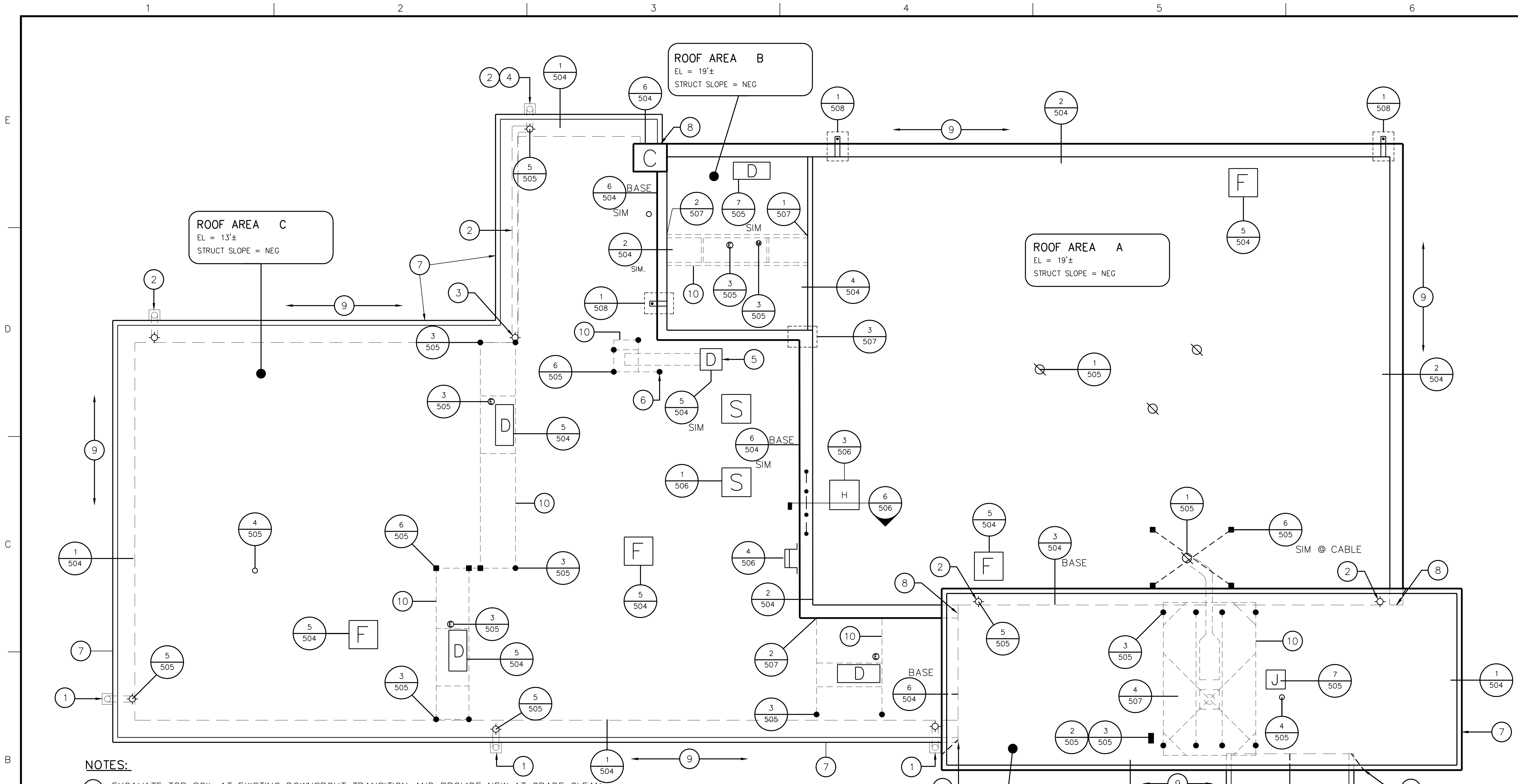
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PROJECT NO.		655205	
CADD FILE		655205-A-10X.DWG	
DESIGNED BY		ASC	
DRAWN BY		THL	
CHECKED BY		ASC	
DATE		12/5/07	
DRAWING SCALE		3/16" = 1'-0"	



ROOF AREA PLAN
EXISTING
CONDITIONS

DRAWING NO.
A-101
4 OF 15



NOTES:

- EXCAVATE TOP SOIL AT EXISTING DOWNSPOUT TRANSITION AND PROVIDE NEW AT GRADE CLEAN OUT/TRANSITION CONNECTION FROM DOWNSPOUT TO DRAIN PIPE. REFER TO SPECIFICATION 077200.
- PROVIDE NEW DOWNSPOUTS, LEADER PIPES AND CONNECTIONS TO ROOF DRAINS THROUGH SOFFIT PANELS AND AT SCUPPERS. ANCHOR DOWNSPOUT LEADER PIPING TO MASONRY WALL TO SUPPORT PIPE.
- RELOCATE DRAIN TO ACCOMMODATE TAPERED INSULATION LAYOUT.
- PROVIDE SHEET METAL COVER 4' HIGH FROM PAVEMENT ANCHORED TO WALL.
- CUT EXISTING DUCT AND EXTEND INTERIOR DUCT TO PROVIDE FLASHING HEIGHT WITH CONTINUOUSLY WELDED, AIRTIGHT CONNECTIONS (TYPICAL).
- CUT EXISTING STEEL PIPE SUPPORTS, EXTEND TO PROVIDE FLASHING HEIGHTS WITH WELDED CONNECTIONS. (TYPICAL)
- ADD WOOD BLOCKING TO TOP OF PARAPET AS NEEDED TO PROVIDE MINIMUM 12" BASE FLASHING HEIGHT (TYPICAL).
- PROVIDE VERTICAL AND HORIZONTAL SHEET METAL CLOSURES TO TERMINATE BASE FLASHING AND SHEET METAL CAP, ANCHORED AND SEALED TO MASONRY (TYPICAL).
- PROVIDE SHEET METAL BRACKETS FOR HANGING LIGHTS @ 24" O.C. AS DETAILED.
- SCRAPE, PRIME, AND PAINT ROOFTOP SUPPORT STEEL



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IFB#1001994
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1945 SEMINARY ROAD
SILVER SPRING, MARYLAND 20910

OWNER
MONTGOMERY COUNTY MARYLAND
DIV. OF BUILDING DESIGN & CONSTRUCTION

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PROJECT NO.	655205
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DRAWN BY	THL
CHECKED BY	ASC
DATE	12/5/07
DRAWING SCALE	3/16" = 1'-0"

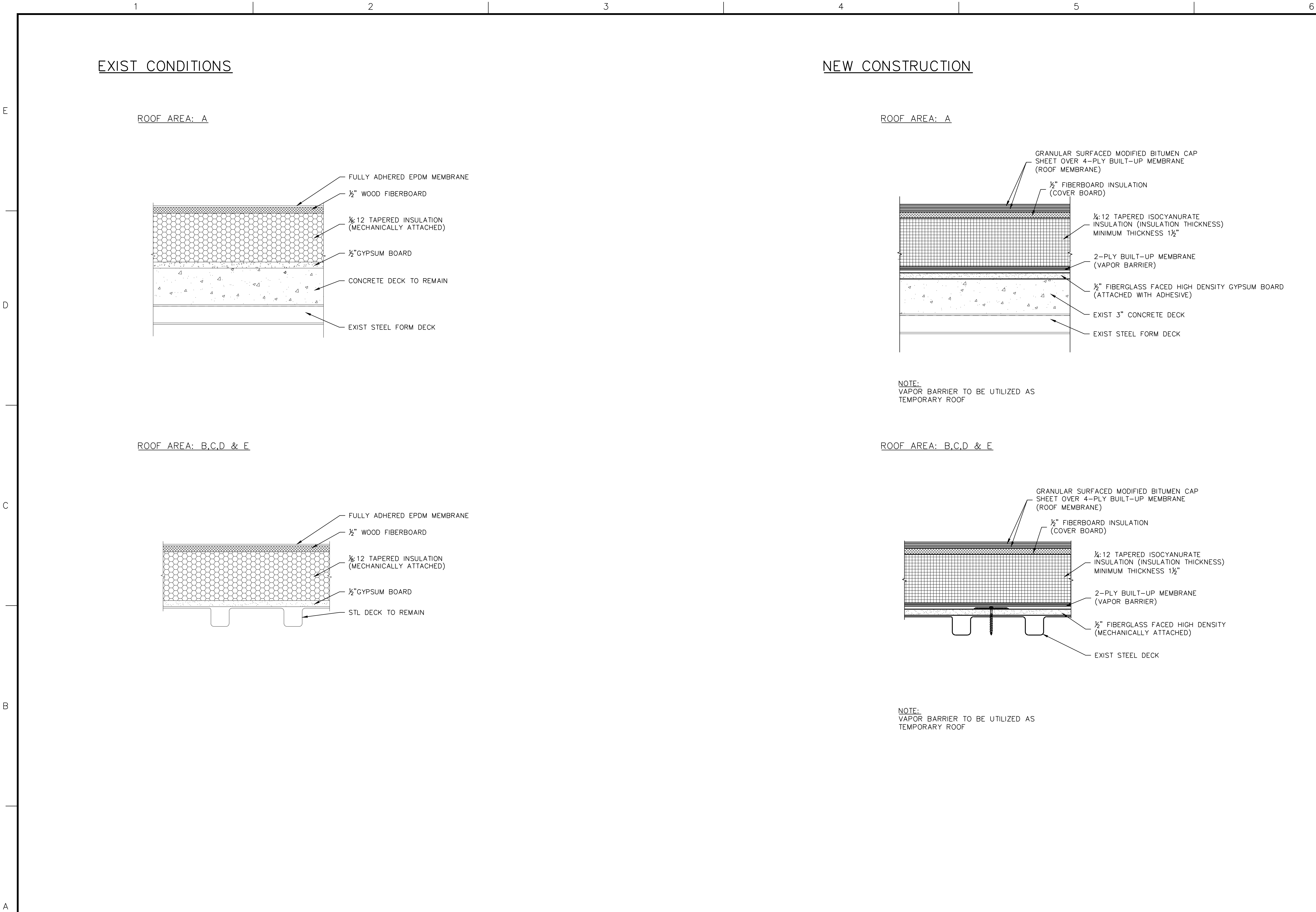
GRAPHIC SCALE
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IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES
SHEET TITLE

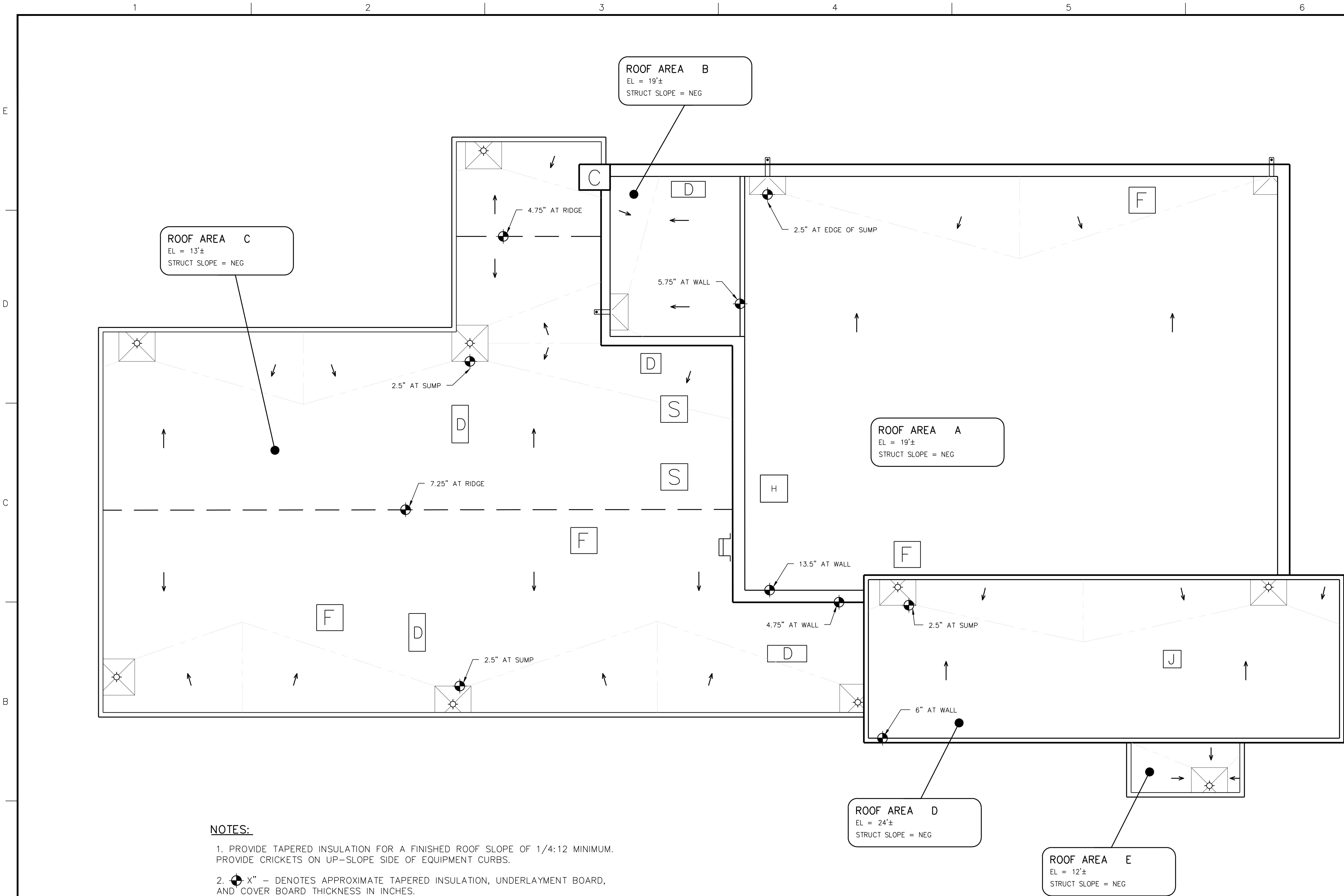
ROOF AREA PLAN
NEW
CONSTRUCTION

DRAWING NO.


A-102

5 OF 15





NOTES:

1. PROVIDE TAPERED INSULATION FOR A FINISHED ROOF SLOPE OF 1/4:12 MINIMUM. PROVIDE CRICKETS ON UP-SLOPE SIDE OF EQUIPMENT CURBS.
2.  - X" - DENOTES APPROXIMATE TAPERED INSULATION, UNDERLAYMENT BOARD, AND COVER BOARD THICKNESS IN INCHES.
3. PROVIDE 4'x4' SUMPS AT DRAINS AND 2"x4" SUMPS AT SCUPPERS.
4. PROVIDE CRICKETS AT UP SLOPE SIDES OF MECHANICAL CURBS AND SUPPORTS TO ALLOW POSITIVE DRAINAGE.



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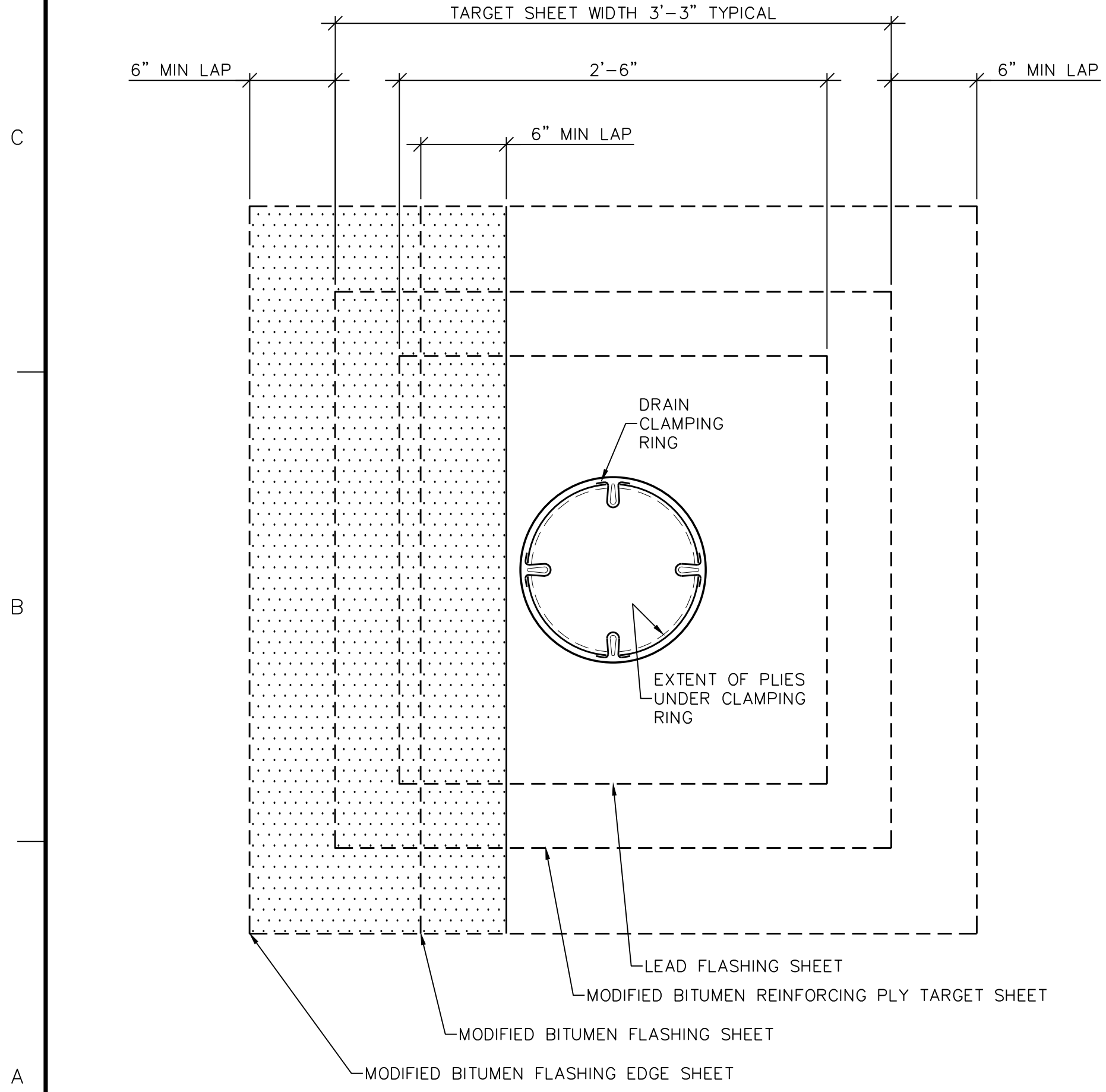
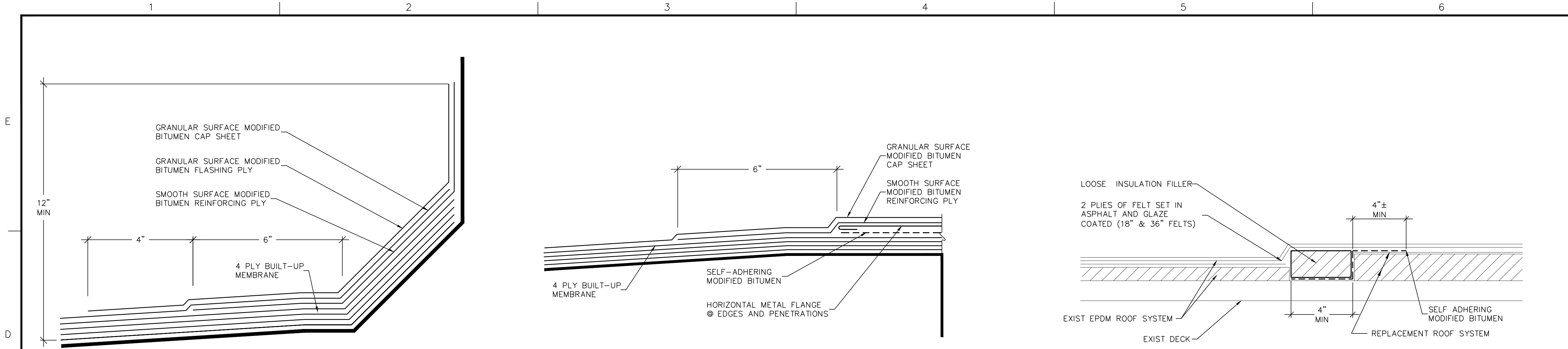
PROJECT	IFB#1001994		
	ROOF REPLACEMENT FIRE STATION #19		
	1945 SEMINARY ROAD		
	SILVER SPRING, MARYLAND 20910		
OWNER	MONTGOMERY COUNTY MARYLAND		
	DIV. OF BUILDING DESIGN & CONSTRUCTION		

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CADD FILE		655205-A-401.DWG	
DESIGNED BY		ASC	
DRAWN BY		THL	
CHECKED BY		ASC	
DATE		12/5/07	
DRAWING SCALE		3/16" = 1'-0"	

GRAPHIC SCALE	
	
IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES	
SHEET TITLE	

**CONCEPTUAL
TAPERED
INSULATION PLAN**

DRAWING NO.		
	A-401	
	7	OF 15



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OWNER	1945 SEMINARY ROAD		
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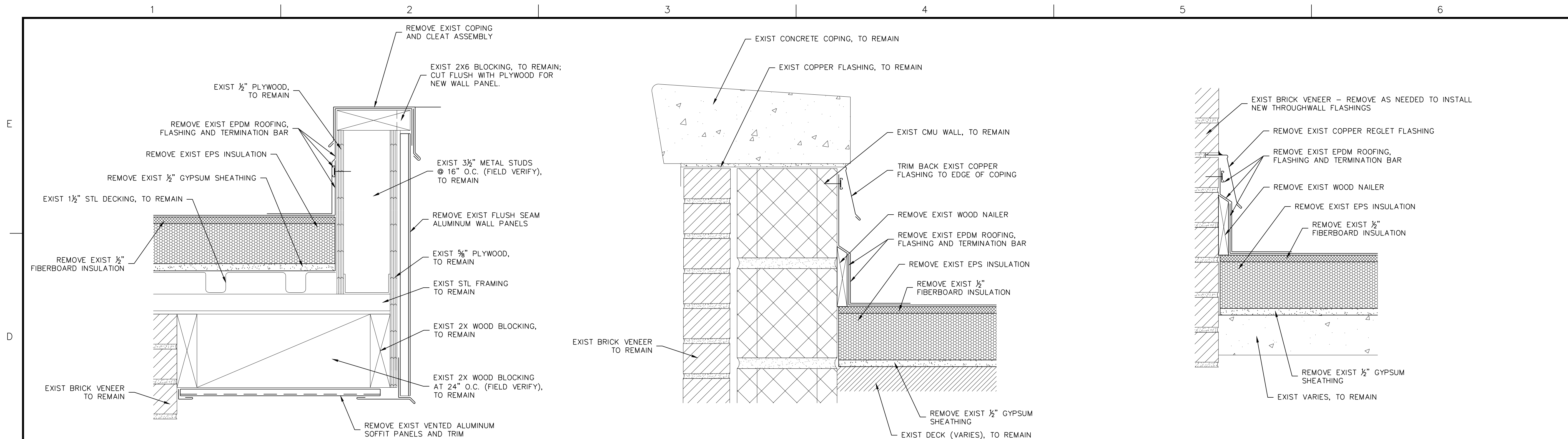
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1	3/24/10	90% SUBMISSION	MLF
PROJECT NO.		655205	
CADD FILE		655205-A-50X.DWG	
DESIGNED BY		ASC	
DRAWN BY		THL	
CHECKED BY		ASC	
DATE		12/5/07	
DRAWING SCALE		AS NOTED	

GRAPHIC SCALE
IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES
SHEET TITLE

TYPICAL ROOF FLASHING DETAILS

	DRAWING NO.
	A-501
	8 OF 15

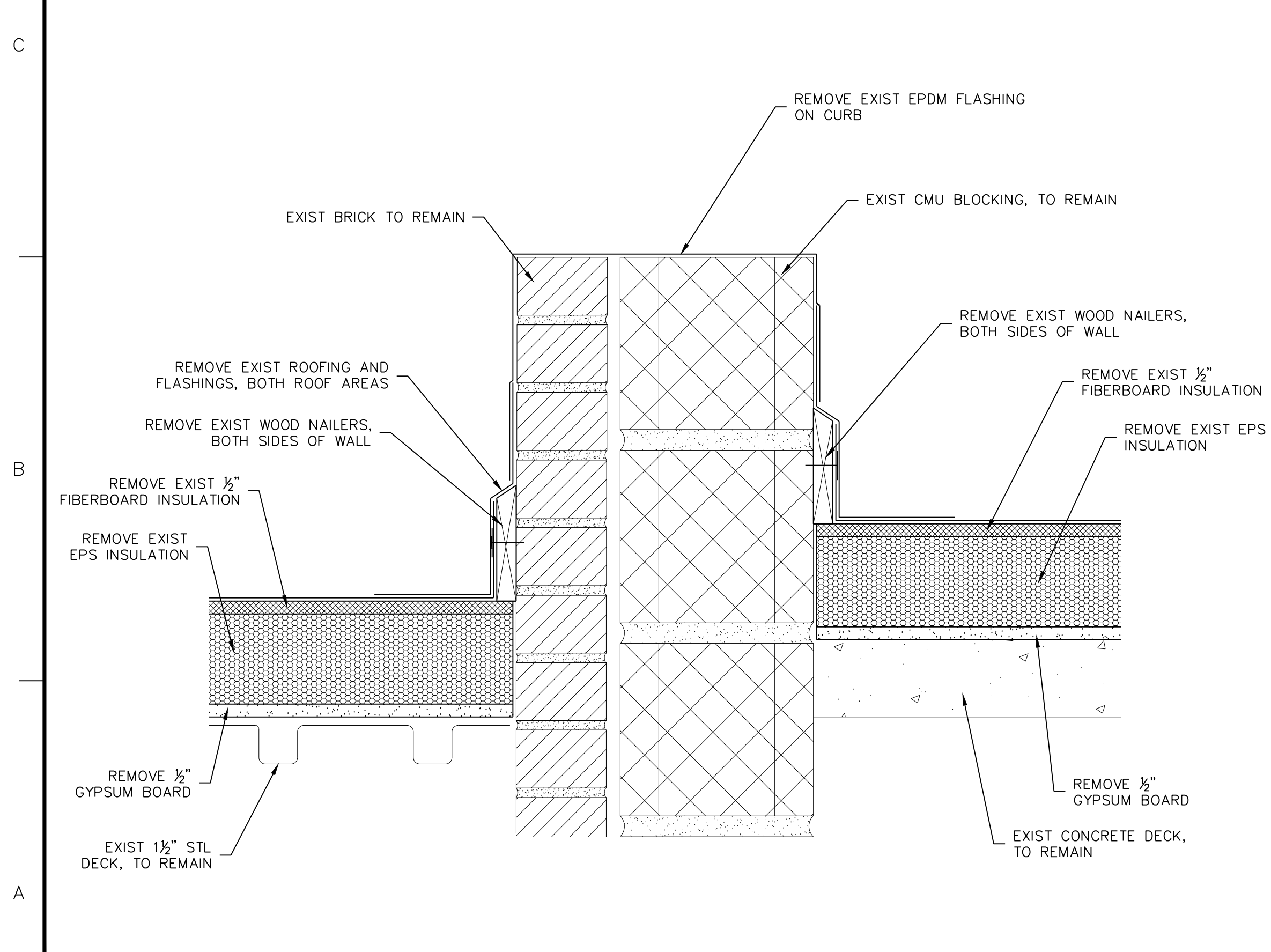
CHECK GRAPHIC SCALES
PRIOR TO SCALING DRAWING



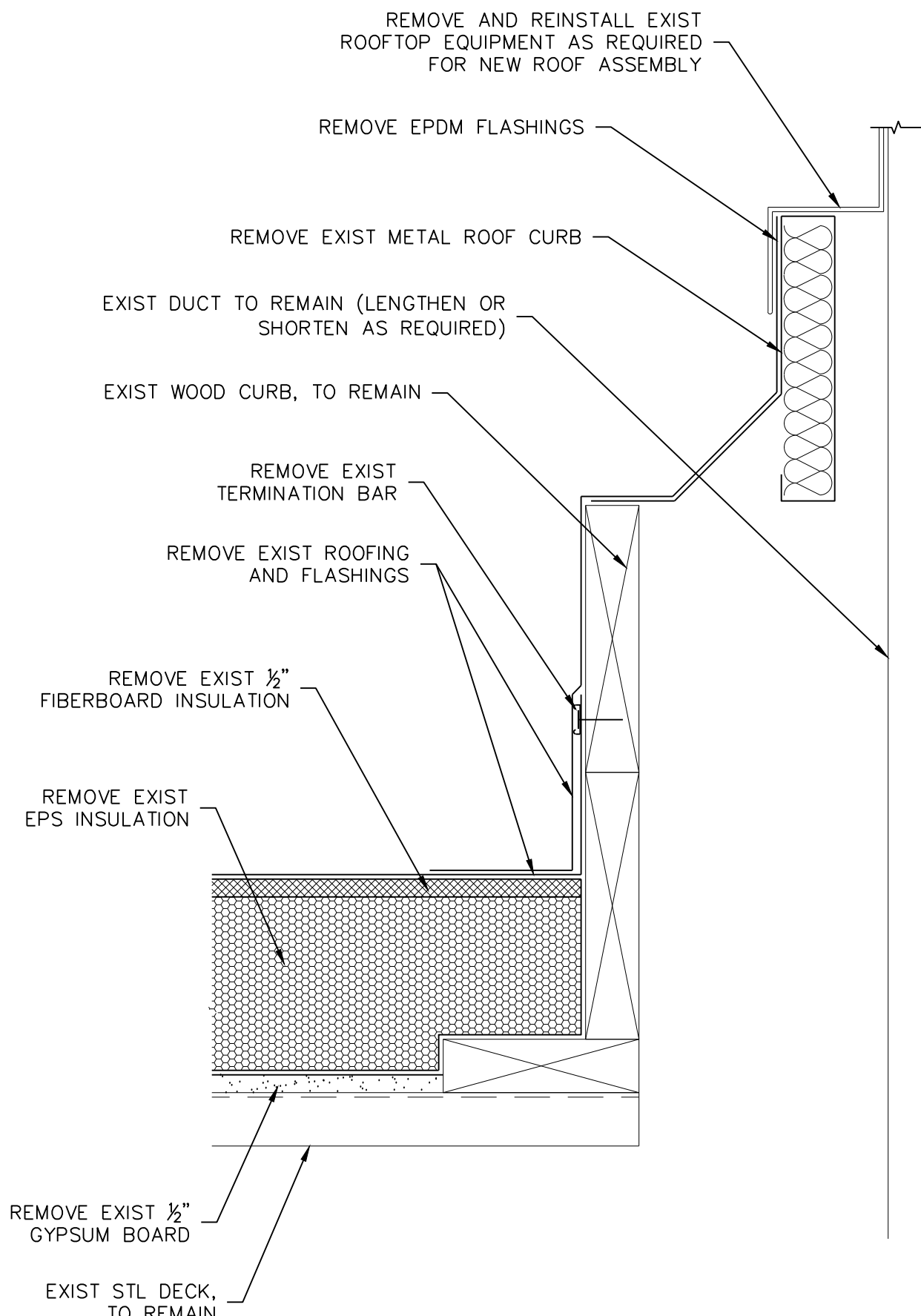
1
502
EXIST PARAPET TYPE-1
SCALE: 3" = 1'-0"

2
502
EXIST PARAPET TYPE-2
SCALE: 3" = 1'-0"

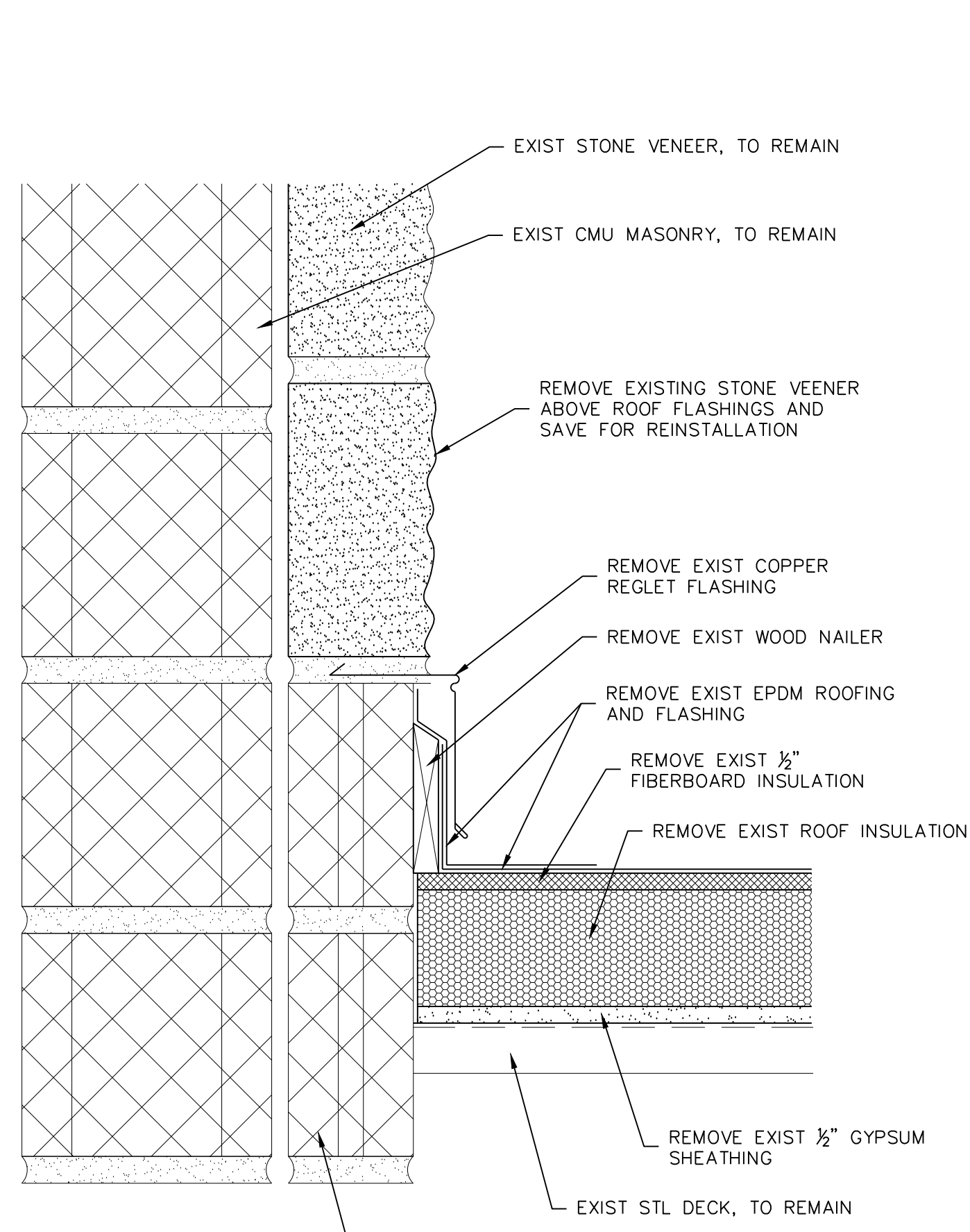
3
502
EXIST ROOF TO WALL (BRICK)
SCALE: 3" = 1'-0"



4
502
EXIST DIVIDER CURB, A/B
SCALE: 3" = 1'-0"



5
502
EXIST FAN CURB (TYP.)
SCALE: 3" = 1'-0"



6
502
EXIST ROOF TO WALL (STONE)
SCALE: 3" = 1'-0"



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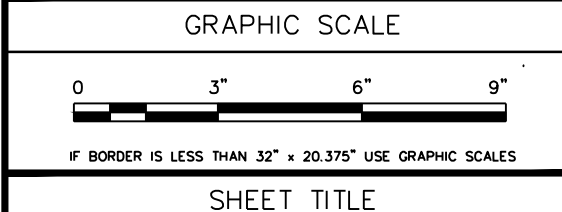
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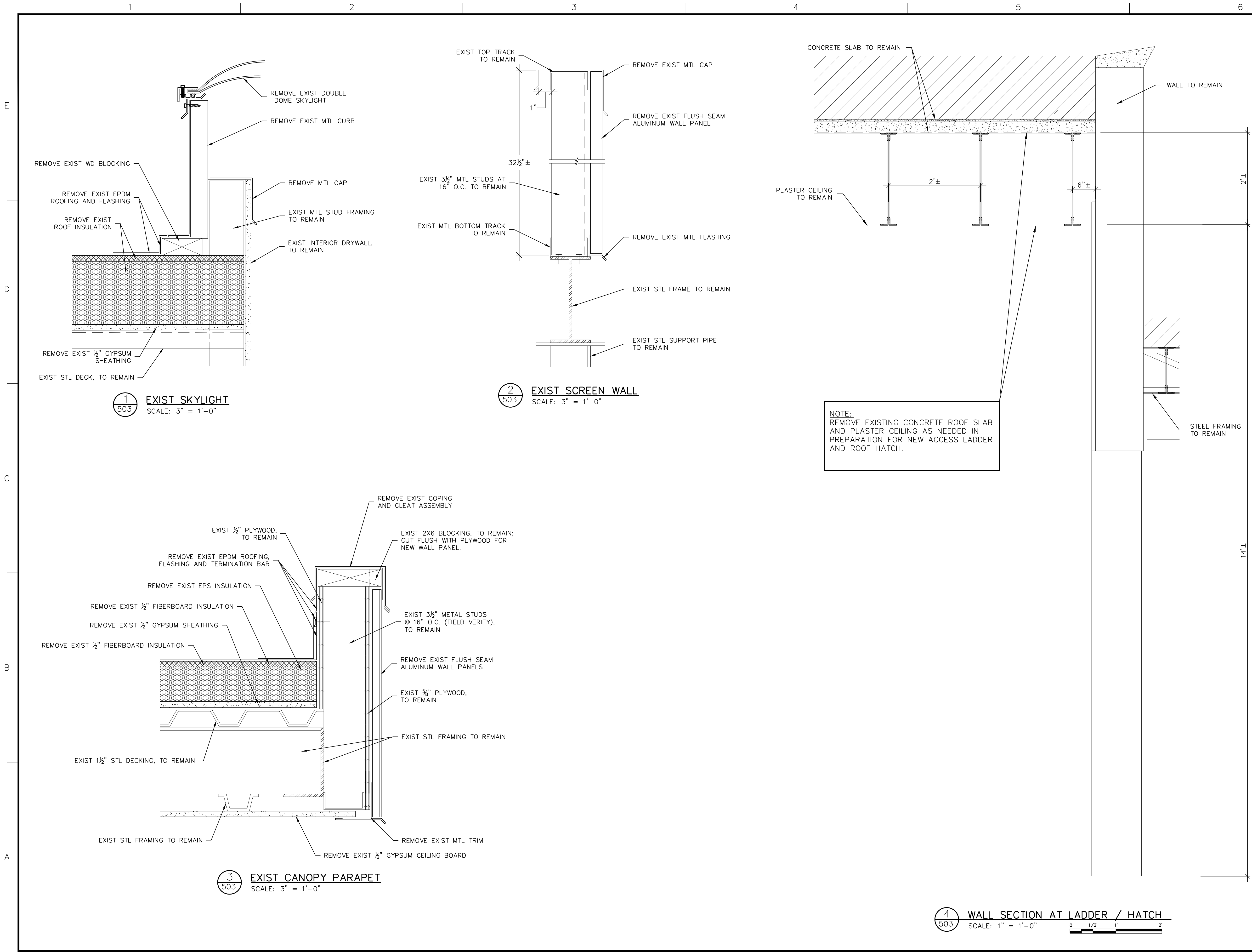


DETAILS

EXIST

CONDITIONS

DRAWING NO.
A-502
9 OF 15



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PROJECT	IFB#1001994		
	ROOF REPLACEMENT FIRE STATION #19		
	1945 SEMINARY ROAD		
	SILVER SPRING, MARYLAND 20910		
OWNER	MONTGOMERY COUNTY MARYLAND		
	DIV. OF BUILDING DESIGN & CONSTRUCTION		

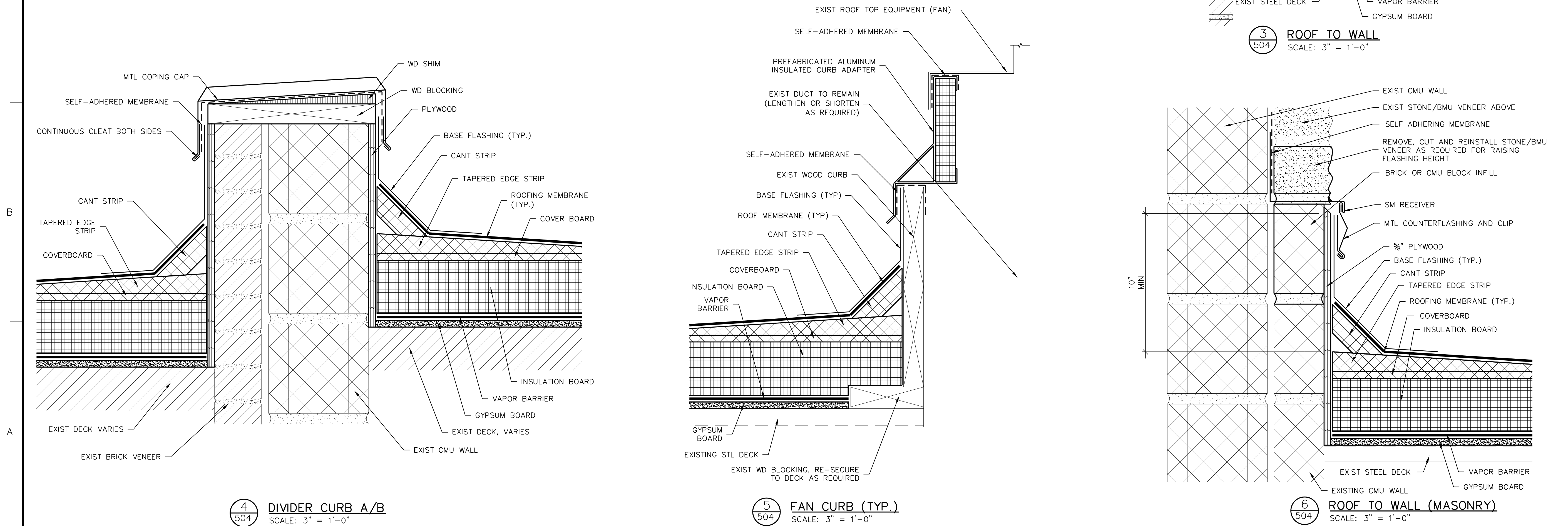
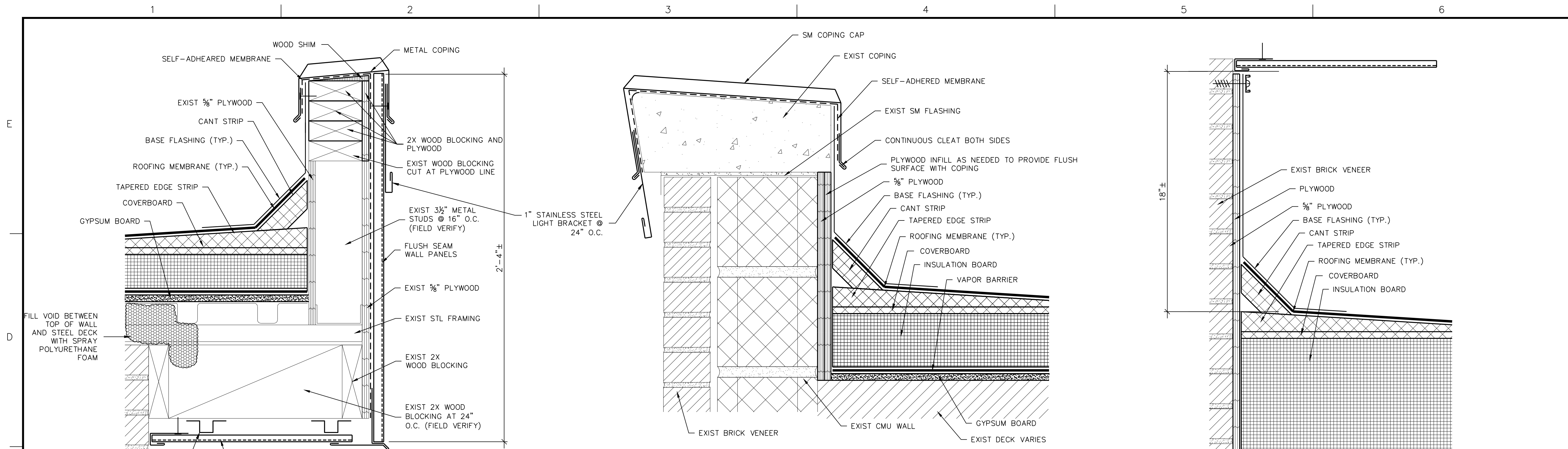
NO.	DATE	DESCRIPTION	BY
4	2/8/11	IFB DOCUMENTS	MLF
3	8/6/10	CONSTRUCTION DOCUMENTS	MLF
2	7/8/10	CONSTRUCTION DOCUMENTS	LSJ
1	3/24/10	90% SUBMISSION	MLF

PROJECT NO.	655205
CADD FILE	655205-A-50X.DWG
DESIGNED BY	ASC
DRAWN BY	THL
CHECKED BY	ASC
DATE	12/5/07
DRAWING SCALE	AS NOTED

GRAPHIC SCALE	
0 3' 6' 9'	
IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES	
SHEET TITLE	

DETAILS AND
SECTION
EXIST
CONDITIONS

DRAWING NO.	A-503
10 OF 15	



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OWNER
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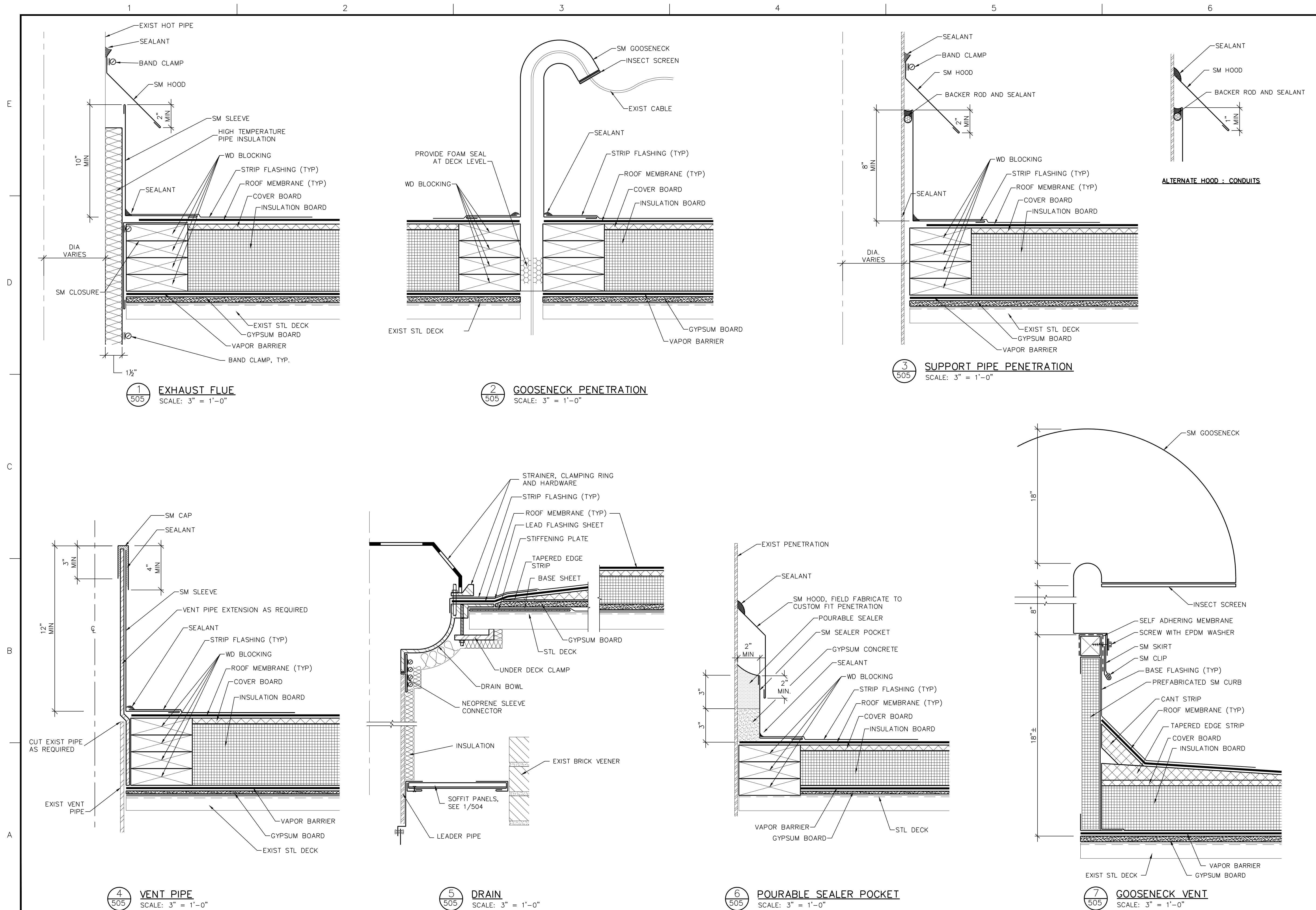
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3	8/6/10	CONSTRUCTION DOCUMENTS	MLF
2	7/8/10	CONSTRUCTION DOCUMENTS	LSJ
1	3/24/10	90% SUBMISSION	MLF

PROJECT NO.	655205
CADD FILE	655205-A-50X.DWG
DESIGNED BY	ASC
DRAWN BY	THL
CHECKED BY	ASC
DATE	12/5/07
DRAWING SCALE	3"=1'-0"

GRAPHIC SCALE
0 3" 6" 9"
IF BORDER IS LESS THAN 32" x 20.375" USE GRAPHIC SCALES
SHEET TITLE

DETAILS
NEW CONSTRUCTION

DRAWING NO.
A-504
11 OF 15

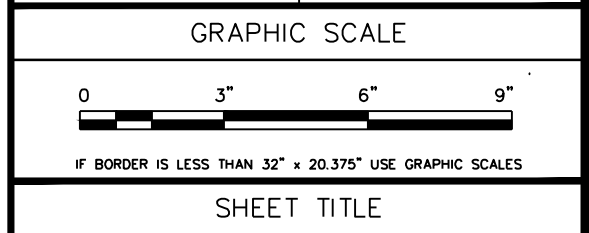


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PROJECT	MONTGOMERY COUNTY MARYLAND DIV. OF BUILDING DESIGN & CONSTRUCTION		
	OWNER		

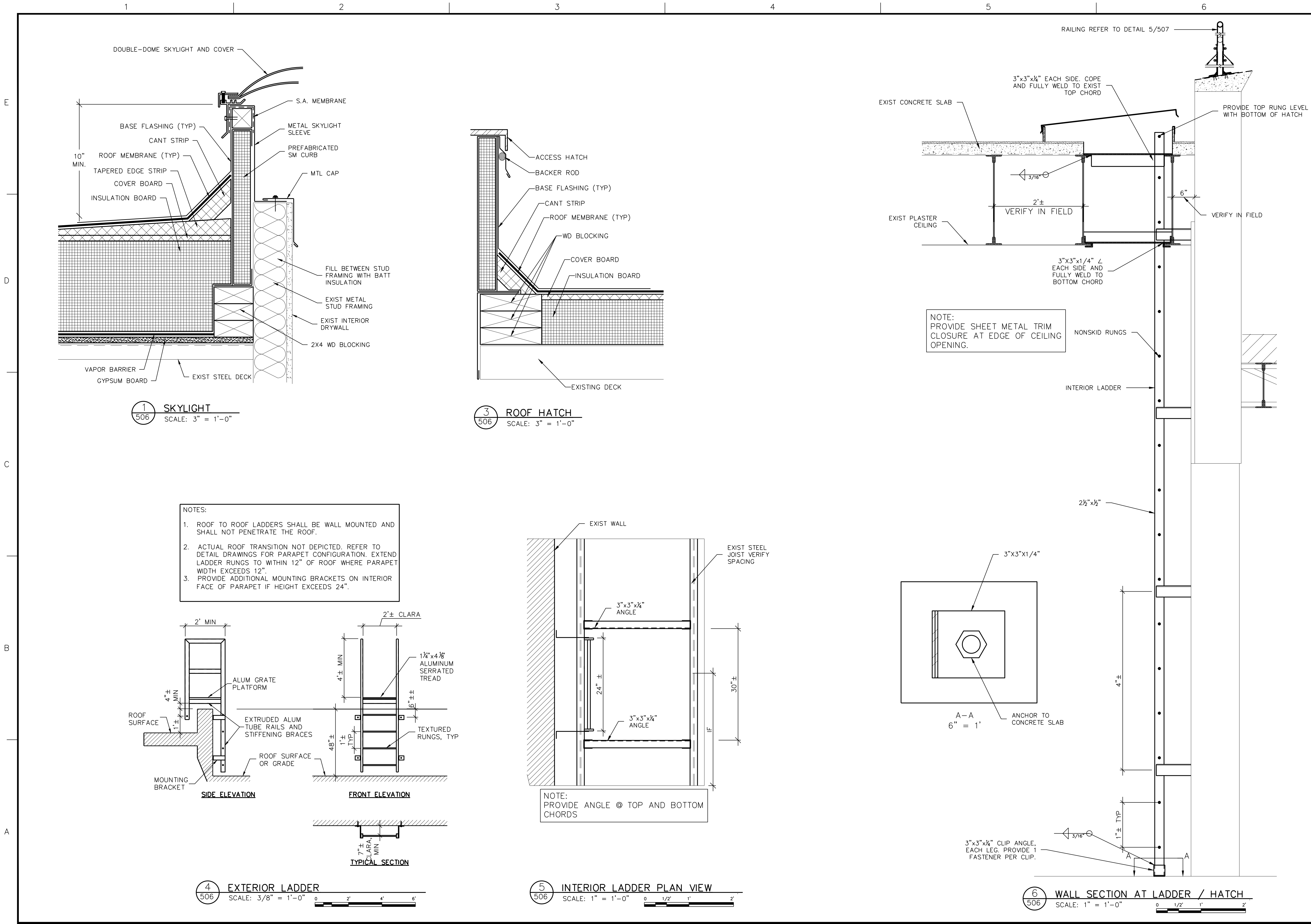
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PROJECT NO.	655205
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DRAWING SCALE	3"=1'-0"



DETAILS
NEW
CONSTRUCTION

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12 OF 15	



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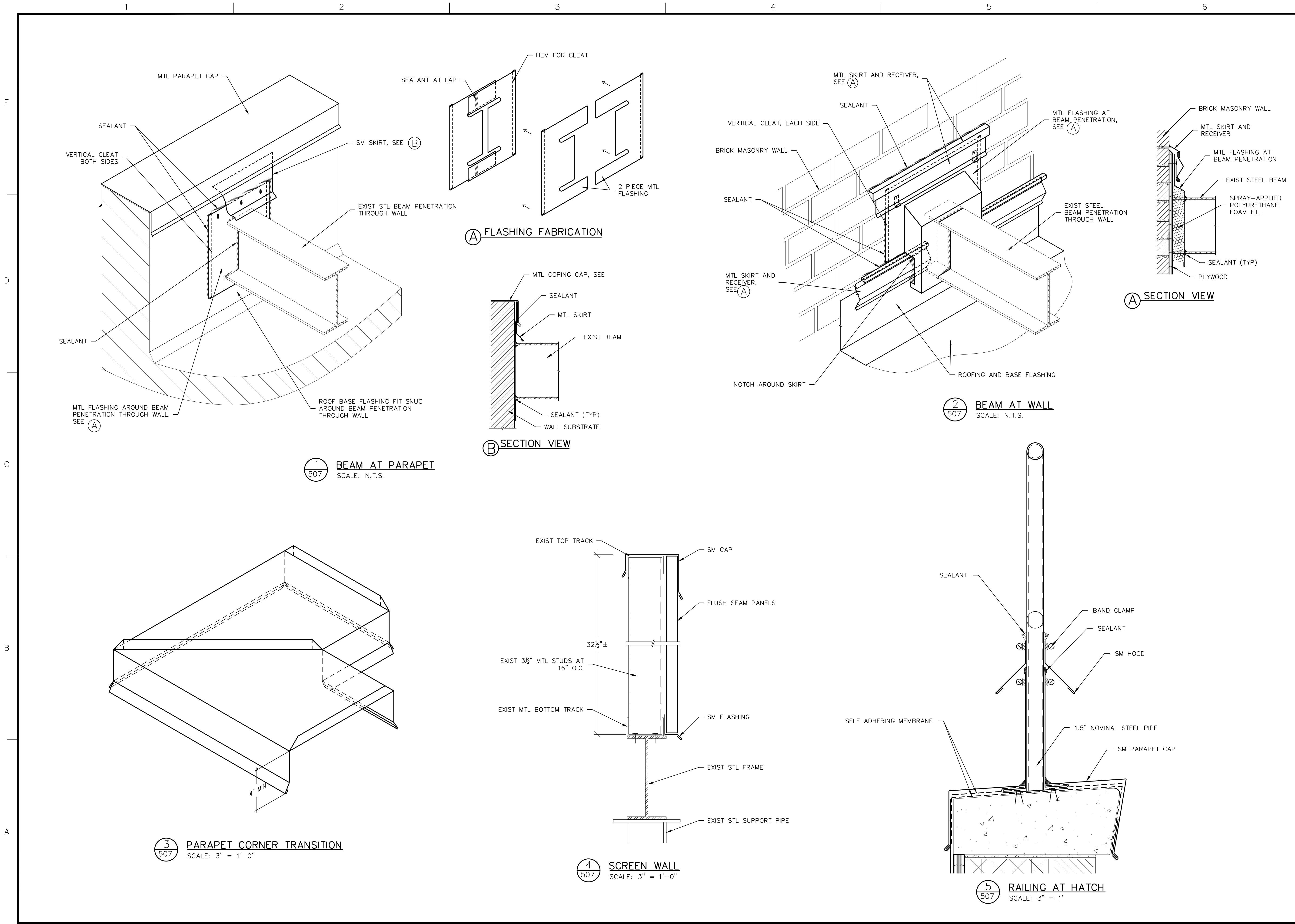
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DATE	12/5/07
DRAWING SCALE	AS NOTED

GRAPHIC SCALE	
0 3' 6' 9'	
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SHEET TITLE	

DETAILS
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DRAWING NO.	A-506
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DESIGNED BY		ASC	
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DATE		12/5/07	
DRAWING SCALE		AS NOTED	

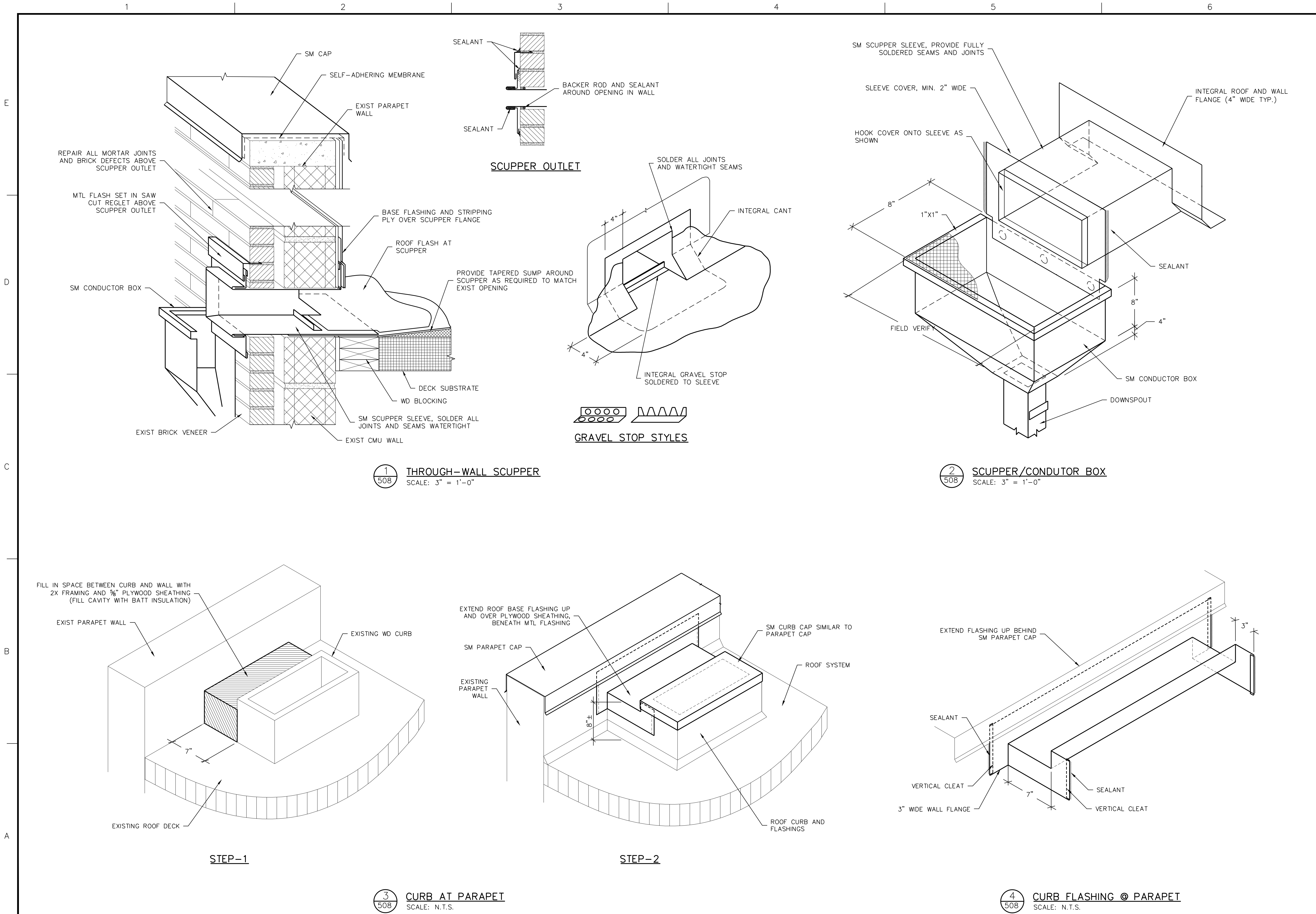
GRAPHIC SCALE

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DETAILS
NEW
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	DRAWING NO.
	A-507
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DETAILS
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	DRAWING NO.
	A-508
	15 OF 15